IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-7. (Canceled).

8. (Currently Amended) A method for [[the]] formation, on a display [[(3)]] stationed at a fixed post (PT), of successive images (s) of a scene (S) towards which a flying body (M) is moving while rotating about its longitudinal axis (L-L), said flying body (M) communicating with said fixed post (PT) by virtue of ~~linking means (1), characterized in that~~ a communication link, a picture-taking apparatus [[(2) is]] being fixed rigidly to the front of said flying body (M), in such a way that said apparatus [[(2)]] turns with said flying body (M) about said longitudinal axis (L-L)[[;]], said method comprising:

taking with said apparatus, during each revolution of the rotation of said flying body (M) about said longitudinal axis (L-L), several pictures of said scene (S) each corresponding to a predetermined angular position of said flying body about said longitudinal axis ~~are taken with said apparatus (2)~~, so that the contours (C) of said pictures are inclined in mutually differing manners and so that, in each picture, the image (s) of said scene (S) and said contour (C) occupy a relative position which depends on said corresponding predetermined angular position of said flying body (M) and which is different from that of the other pictures;

determining, among said pictures, a reference picture (Vo) ~~is determined~~ in which said relative position between the image (s) of the scene (S) and the contour (C) is considered to be a relative reference position;

applying in each picture, other than the reference picture, a geometrical image transformation processing ~~is applied~~ to the image (s) of said scene (S) so that the relative position of the transformed image of said scene with respect to the contour is similar to said relative reference position; and

displaying said reference picture and said pictures having undergone said geometrical image transformation processing ~~are displayed~~ successively on said display (3).

9. (Currently Amended) A system comprising:

at least one flying body (M), rotating about its longitudinal axis (L-L) as it flies;

a fixed post (PT) furnished with a display ~~(3) able to display~~ that displays images of a scene (S) towards which said flying body (M) is moving while rotating; and

~~linking means (1) allowing~~ a link that provides for the communications between said flying body (M) and said fixed post (PT);

a picture-taking apparatus [[(2)]], fixed rigidly to the front of said flying body (M) so as to observe said scene (S);

~~means (4) for the~~ a control [[of]] unit that controls said picture-taking apparatus [[(2)]] at each of several predetermined angular positions of said flying body (M) about said longitudinal axis (L-L); and

~~means (6) of~~ a processor that performs geometrical image transformation processing ~~making it possible to present~~ for presenting the pictures taken by said apparatus [[(2)]] at different angular positions with a similar relative position of the image (s) of said scene (S) with respect to the contour (C) of said pictures.

10. (Currently Amended) The system as claimed in claim 9, ~~characterized in that said means (4) of~~ wherein said control unit [[of]] that controls the picture-taking apparatus ~~(2) consist of~~ comprises a gyroscopic system mounted on board said flying body (M) and sensitive to the rotation of the latter contour of its longitudinal axis (L-L).

11. (Currently Amended) The system as claimed in claim 9, ~~characterized in that~~ wherein said ~~image processing means (6) are~~ processor is stationed at the fixed post (PT).

12. (Currently Amended) The system as claimed in claim 11, ~~characterized in that~~ wherein [[the]] a link between said picture-taking apparatus [[(2)]] and said ~~image processing means (6)~~ processor is effected by said ~~means of linking (1)~~ link between said flying body (M) and said fixed post (PT).

13. (Currently Amended) The system as claimed in claim 10, ~~characterized in that~~ wherein the sequencing of the operation of said ~~image processing means (6)~~ processor is

controlled by said gyroscopic system (4) by way of said ~~means of linking (1)~~ link between said flying body (M) and said fixed post (PT).

14. (Currently Amended) The system as claimed in claim 9, ~~characterized in that it comprises means of illumination (2)~~ further comprising an illumination unit, mounted on board said flying body (M) ~~and able to light~~ for lighting said scene (S).